

ABSTRACT OF THE DISCLOSURE

A bendable polymer tissue fixation device suitable to be implanted into a living body, comprising a highly porous body, the porous body comprising a polymer, the porous body comprising a plurality of pores, the porous body being capable of being smoothly bent, wherein the bending collapses a portion of the pores to form a radius curve, the polymer fixation device being rigid enough to protect a tissue from shifting. In a preferred embodiment the polymer fixation device may be capable of being gradually resorbed by said living body. In one embodiment, the polymer fixation device comprises a plurality of layers distinguishable by various characteristics, such as structural or chemical properties. In another embodiment, the polymer fixation device may comprise additional materials; the additional materials serving to reinforce or otherwise alter the structure or physical characteristics of the device, or alternatively as a method of delivering therapy or other agents to the system of a living being.